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Title: AN APPARATUS FOR DETECTING ANIMALS

Preliminary Amendment

**Appendix**

**ABSTRACT**

The invention refers to an apparatus for detecting an animal (1) having a body part (2) and a head part (3). The apparatus ~~comprises~~ includes an animal passage (4) extending in a transport direction (t), and a sensor device (7,8) arranged to sense the animal in the passage. The passage is defined by a first enclosure member (5) and a second enclosure member (6). The enclosure members are arranged on a respective side of the passage and extend substantially in parallel to ~~said~~ the transport direction. The sensor device is arranged to sense a parameter related to a cross-section size of the animal at a determined position in the passage, and to produce a signal when the parameter fulfils a certain condition.